



Winter's Grasp

by Arya "Aurochsen of Illidan" Akhavan (October 2012)

Angles for R.I. = 1.540

87 + 16 girdles = 103 facets

8-fold, mirror-image symmetry

96 index

L/W = 1.259 T/W = 0.495 U/W = 0.328

P/W = 0.622 C/W = 0.189

Vol./W³ = 0.432

PAVILION

P1	42.00°	96-06-12-18-24-30-36-42-48-54-60-66-72-78-84-90
G1	90.00°	96-48
G2	90.00°	02-46-50-94
G3	90.00°	04-44-52-92
G4	90.00°	22-26-70-74
G5	90.00°	24-72
P2	70.00°	04-44-52-92
P3	70.98°	02-46-50-94
P4	71.28°	96-48
P5	70.00°	22-26-70-74
P6	70.32°	24-72
P7	41.00°	01-11-13-23-25-35-37-47-49-59-61-71-73-83-85-95

Cut to centerpoint.
Set stone width.
Meet P1, G1
Meet P1, G2
Meet P1, G3
Meet P1, G4
Meet P1, G3, G4
Meet G2, G3, P2 (level girdle)
Meet G1, G2, P3 (level girdle)
Meet P1, G3, G4,
P2 (level girdle)
Meet G4, G5, P5 (level girdle)
Meet P1, P3, P4 (only 4 facets meet)

CROWN

C1	36.79°	96-48
C2	34.85°	02-46-50-94
C3	31.97°	04-44-52-92
C4	30.06°	22-26-70-74
C5	27.23°	24-72
C6	24.28°	08-40-56-88
C7	26.29°	23-25-71-73
C8	32.05°	03-45-51-93
C9	25.36°	24-72
C10	22.88°	05-43-53-91
C11	21.74°	01-47-49-95
T	0.00°	Table

Set girdle width.
Level girdle.
Level girdle.
Level girdle.
Level girdle.
Meet G3, G4, C3, C4
Meet G4, G5, C4, C5
Meet G2, G3, C2, C3; C1, C2
Meet C5, C7
Meet C3, C6, C8; C6, C7, C9
Meet C1, C2, C8
Meet C6, C7, C9, C10

As someone who's lived in Phoenix for a good chunk of time, I'm not used to winter anymore. So here in Minnesota, where October weather is already colder than the middle of winter in Phoenix, I'm freezing. Then again, now's the best time to bust out the tea. Can be cut in materials from quartz to rutile (RI = 1.54 - 2.62) with no changes, but looks the best in blue zircon.

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